

IN THE SPECIFICATION

Page 1, lines 8-18 have been amended as follows:

With constant developments of electronic technology, people have a higher demand on the audio effect. Audio devices have progressed from monotone, stereo system to Dolby Pro-Logic system and digital surround system. After several years of developments, the present DVD has a greater capacity, can produce crisp images, can ~~[[and]]~~ generate real-like audio effect, and is easy to use. Thus, DVD has become ~~It becomes~~ very popular. In general, when ~~[[use]]~~ a DVD is used to play movies, a 5.1 sound channel player has to be used to achieve the optimal home theater effect, and ~~[[. And]]~~ six matching speakers have to be connected. The six speakers take a lot of space, and a lot of wiring is needed. It is not convenient to set up. Moreover, the sound being generated is too large ~~[[,]]~~ and often disturbs other people who want to rest.

Page 1, line 19 through page 2, line 5 have been amended as follows:

Hence, a surround earphone has been developed and introduced on the market. ~~[[But]]~~ However, it has speakers with only two sound channels. Using digital techniques, a virtual 5.1 sound channel surround effect can be achieved. However, positioning of the sound field, distancing ~~distance~~ of the sound source, sound channel ~~discrete~~ discreteness and the like cannot be established accurately. Hence, the virtual effect of the earphone is still inferior to the actual 5.1 sound channel.

Page 2, lines 8-13 have been amended as follows:

Therefore, the primary object of the present invention is to overcome the aforesaid disadvantages. The invention provides six sound channels and can be used with six sound ~~channel~~ channels decoded and output by AC-3/DTS. Hence, positioning of the sound field, ~~distance~~ distancing of the sound source, and sound channel ~~discrete~~ discreteness can be presented accurately and clearly to enable the earphone to produce real-like 5.1 sound channel home theater digital surround ~~effect~~ effects.

Page 2, line 14 through page 3, line 8 have been amended as follows:

The invention includes a line controller linked ~~linking~~ to an earphone body that has an input end connecting to a efficacy box. The power amplifier includes a power supply input unit, a voltage stabilization filter circuit, an amplification circuit and a 5.1 sound channel signal input port. An external power supply provides electric power through the power supply

unit, a voltage stabilization filter circuit, an amplification circuit and an output end of the voltage stabilization filter circuit. The amplification circuit has an input end connecting to the voltage stabilization filter circuit, and an output end connecting to the line controller. The amplification circuit further has a power amplifying ~~Integrated~~ integrated circuit which is connected to an audio bypass capacitor and a coupling capacitor. The power amplifier has a 5.1 sound track signal output port to be connected to other corresponding function devices. The output end of the amplification circuit has a 7-pin socket mating a 7-pin plug on a connection end of the line controller. The line controller has a switch for switching between CD and DVD ~~[[,]]~~ and a sound volume potentiometer.

Page 3, lines 9-14 have been amended as follows:

Through power amplification and filtering provided by the power amplifier, signal noise ratio increases, distortion is reduced, replay effect improves, treble and medium may be fully reproduced, ~~[[and]]~~ medium and bass effect is desirable, and digital surround effect is enhanced. Moreover, the earphone adopts an open type design. The sound is clear and crisp and ~~And it~~ does not annoy other people when in use.

Page 4, line 4 through page 5, line 1 have been amended as follows:

Referring to FIGS. 1, 2 and 3, the present invention includes an earphone body 1 and a line controller 2 that are connected through a conductive line. The line controller 2 has an input end connecting to a power amplifier 3. The power amplifier 3 includes a power supply input unit 31, a voltage stabilization filter circuit 32, an amplification circuit 33, ~~[[and]]~~ a 5.1 sound channel signal input port 34 and a 5.1 sound channel signal output port 35 for connecting to other corresponding function devices. An external power supply passes through the power supply input unit 31, the voltage stabilization filter circuit 32, and the amplification circuit 33 and delivers through an output end of the voltage stabilization filter circuit 32. The amplification circuit 33 has a power amplifying ~~Integrated~~ integrated circuit which is connected to an audio ~~Bypass~~ bypass capacitor and a coupling capacitor. The amplification circuit 33 has an input end connecting to the 5.1 sound channel signal input port 34. The amplification circuit 33 has an output end ~~connecting~~ connected to the line controller 2. The output end of the amplification circuit 33 has a 7-pin socket mating with a 7-pin plug of a connection end of the line controller 2. The line controller 2 has a switch ~~[[21]]~~ SW1 for switching between CD and DVD and an audio volume potentiometer.

Page 5, line 2 through page 6, line 8 have been amended as follows:

When in use, the power amplifier 3 is connected to an external power source of 7.5V DC through a conductive line. Electric power is input through a XSIDC power supply socket, controlled by the switch and filtered by an electrolytic condenser C32. High frequency and interference signals are filtered out by a ceramic condenser C31. After being stabilized by an IC4 of the voltage stabilization filter circuit 32, the external power supply is modulated to a stable 5V AC. The stabilized power supply passes through a filter circuit formed by the parallel coupling of an electrolytic condenser C29 and a ceramic condenser C30. Meanwhile, electric charge is performed to store energy. A portion of the power supply passes through a resistor R19 to reduce voltage and current to light a LED for power supply indication. The power supply has another portion delivering to IC1, IC2 and IC3 for normal operations. The power supply positive electrodes 2 of the IC1, IC2 and IC3, and power supply ground leg 4 are respectively coupled in parallel with condensers C21, C24 and C27 to eliminate the interference signals inducted on the power supply circuit and ~~[[,]]~~ also to provide a high frequency loop circuit for the amplification circuit 33 so that the IC1, IC2 and IC3 can function steadily without being interfered. After coding, a six-way 5.1 sound track audio signal (FL, FR, RL, RR, C and SUB) is input through sockets ~~[[CZ1]]~~ C7.1, ~~[[CZ2]]~~ C7.2 and ~~[[CZ3]]~~ C7.3 of the 5.1 sound track signal input ~~[[end]]~~ port 34. First, condensers C1 - C6 filter out lead line induction of the six routes and interference signal to the ground. Voltage ; next, divide voltage is formed divided through resistors R1 - R12 that are coupled in parallel. Thus ; then the audio signal can be amplified by IC1 - IC3 smoothly. After power amplification by IC1 - IC3, output is delivered through legs 1 and 3 ~~[[legs]]~~ of the IC1 - IC3. After passing through a high frequency corrector formed by serial coupling resistors R13 - R18 and condensers C20, C22, C23, C25, C26 and C28 to eliminate self-excited signals, the audio signal is output through coupled electrolytic condensers C14 - C19 to 7-pin sockets CZ₋₁ - CZ₋₇.

Page 6, lines 9-20 have been amended as follows:

The line controller 2 is connected to the 7-pin plugs CT1- CT7 which are coupled with the 7-pin sockets CZ₋₁ - CZ₋₇. Thus, ~~[[then]]~~ the six 5.1 sound signals pass through three parallel coupled potentiometers VR1 - VR3 of the line controller 2 to perform audio volume control of FL, FR, RL, RR and C, and to drive speakers SP1 - SP6 to generate corresponding sound. The central sound track broadcasts jointly through the speakers SP5 and SP6 in the left earphone and the right earphone. The super bass SUB is replayed through

the serial coupled vibrators SP7 and SP8 in the left earphone and the right earphone to generate the super bass effect. In order to eliminate noises, the function input end of the SUB is coupled with an electrolytic condenser C13 in a parallel manner to form a branch circuit to remove the medium and high frequency signals, so that only the low frequency signal enters the amplifier.

Page 6, line 21 through page 7, line 7 have been amended as follows:

The line controller 2 of the invention has the sound volume potentiometers VR1 - VR3 and **[[a]]** the switch SW1 to switch between CD and DVD so that an optimal audio effect can be achieved when listening to a CD or DVD. The power amplifier 3 also has the 5.1 sound track signal output port 35 (CZ₄ - CZ₆) to connect to other corresponding function devices to broadcast through the speakers so that many other people can listen at the same time. Moreover, the receiver of the earphone body 1 can directly receive sound and input to a DVD player to perform speaking and singing functions.